

What is Claimed Is:

1. A composition for delivering a DNA sequence encoding a desired polypeptide or protein into a cell comprising:

an AAV rep protein or a nucleic acid sequence encoding  
5 an AAV rep protein; and a genetic construct including a DNA sequence encoding a protein or polypeptide or genetic transcript of interest; and a first AAV ITR or portion thereof, and a second AAV ITR or portion thereof, wherein said first and second AAV ITRs flank said DNA sequence  
10 encoding a polypeptide of interest and said promoter controlling said DNA sequence encoding a polypeptide.

2. An expression vector for site-specific integration and cell-specific expression comprising a first and a second ITR of AAV and at least one cassette comprising a promoter capable of effecting cell-specific expression wherein said promoter is operably linked to a heterologous gene, and wherein said cassette resides between said interved terminal repeats.

3. An AAV vector comprising the ITR sequences of AAV and a nucleic acid, wherein the ITR sequences promote expression of the nucleic acid in the absence of another promoter.

4. A vector according to claim 2 in a pharmaceutically acceptable carrier.

5. A method of delivering a polypeptide of interest to a cell comprising infecting said cell with a vector according to claim 2.

6. A packaging cell line 293-MT-DBP (ATCC CRL 12181).
7. A packaging cell line 2C4 (ATCC CRL 12182).
8. A packaging cell line 3B1 (ATCC CRL 12183).
9. A non-human transgenic mammal expressing DNA encoding human chromosome 19 AAV integration locus.